MCC CONSOLES

MULTI-CHANNEL CONSOLE
WITH PUSH-TO-TALK CAPABILITY

JPS

OVERVIEW

MCC-Consoles are versatile desktop microphones that provide remote audio access to JPS systems. Use one as a dispatch interface, or to join an interoperability net. MCC-Consoles integrate easily with any of JPS' Z-Series devices: the ACU-Z1, the RSP-Z2, or the Z-Series Controller. The embedded JPS Bridge protocol allows streamlined connection to these systems across an IP network, no additional gateway required.

Using the Z-Series browser-based user interface, each channel on an MCC Console is configured as a resource. Simply drag and drop any of the MCC resources into the dispatcher position on the ACU-Z1 or the Z-Series Controller user interface to listen to or communicate with any resource in the dispatch area. Other MCC channels can be bridged to other resources by placing them in a shared net. Audio shared between resources within the same net is isolated from the dispatch functionality; the dispatcher will not hear bridged resources and they will not hear the dispatcher.
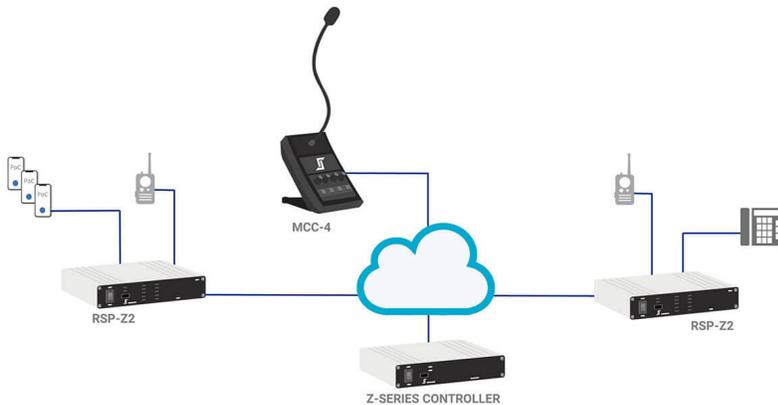
MCC-4

The MCC-4 Multi-Channel Console combines functionality with flexibility. Here, the MCC-4 is interfaced into a Z-Series Controller wide-area system along with various resources from remote RSP-Z2 devices. One button on the console functions as the Dispatch Source, while another is bridged to other remote resources.

MCC-1

The MCC-1 Single-Channel Console is ideal for small applications, functioning as a Dispatch interface or as a direct connection to a single resource, such as a radio channel.

KEY BENEFITS

+ Desktop access to radio channels, push-to-talk over cellular users, other dispatchers, SIP phones, and more

+ Low-cost, simple to use functionality with up to four individual channels

+ Dedicated PTT button and volume control for each channel

+ Dispatch capability for remote audio resources through an ACU-Z1 or Z-Series Controller

+ Use one device to communicate with multiple disparate resources

+ Selectable hands-free operation

+ Dual GPIO provided for additional auxiliary functions

+ Microphone, handset, headset, and footswitch options

APPLICATIONS

In addition to its role in wide-area interoperability and dispatch, any of the MCC-Consoles can connect to remote RSP-Z2 devices as part of a static configuration. This is useful for applications that require monitoring multiple channels, such as radio talkgroups, Push-to-Talk (PoC) applications, or a conference bridge.
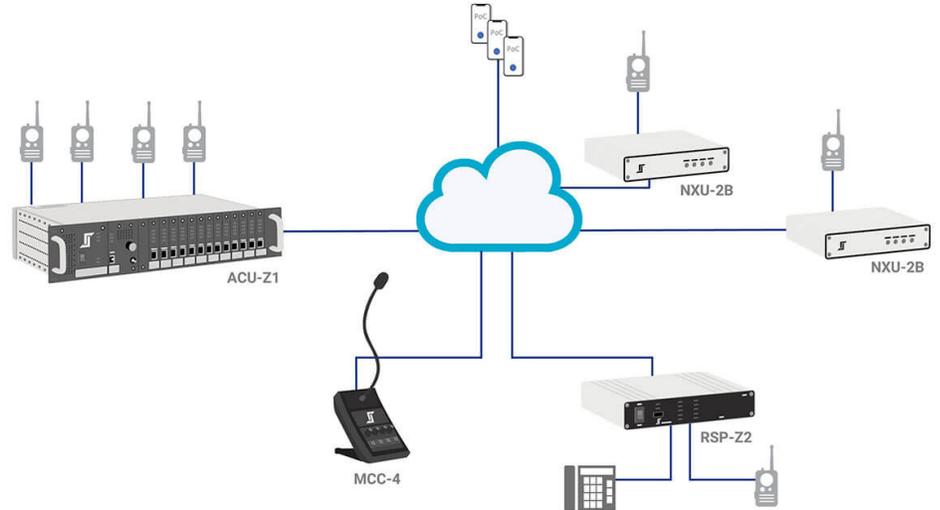
MCC CONSOLE OPTIONS

MCC-Consoles are currently available in single-channel and four-channel models. In addition to the desktop models, each is available in a wall mount version and a hardened version. Selectable hands-free operation, or the handset, headset, or footswitch options provide further customization.

All configurable settings are accessible through the device's browser-based user interface.

MCC Wall Mount Options

MCC Hardened Option

STANDARD OPTIONS

Size and Weight
5.5"H x 4.0" W x 5.5" D (140 x 102 x 140 mm), 1.1lbs (0.5kg)
(Gooseneck Microphone): 12"H (305 mm)

Network Interface
100BASE-T Full Duplex, RJ-45 (POE)

Audio Vocoders
G.711μ (64 Kbps)

Input Power
48 VDC @ 0.5A POE (External POE Injector Provided), IEEE 802.3af, Alt A & B